

## INTERNATIONAL SEARCH REPORT

International Application No. DE 6053  
PCT/DE2004/000004A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F16L37/00 F16L37/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Character of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 33 24 383 A (GEVPI A6) 12 January 1984 (1984-01-12) cited in the application the whole document	1
Y	FR 1 468 174 A (GRA TEC INC) 3 February 1967 (1967-02-03) page 3 -page 4	1
Y	US 6 290 263 B1 (MURKEN JOSEPH S) 18 September 2001 (2001-09-18) abstract; figure 1	1
Y	GB 902 447 A (HATHAWAY LTD L) 1 August 1962 (1962-08-01) the whole document	1

 Further documents are listed in the classification of box C. Patent family members are listed in an add.

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Date of the actual completion of the international search

Date of mailing of the International search report

5 May 2004

02/06/2004

Name and mailing address of the ISA  
European Patent Office, P.O. 3018 Patentbox 2  
NL - 2280 HV Rijswijk  
Tel: (+31-70) 340-2940, Tx: 81 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Eberwein, M

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No. QV6053  
PCT/DE2004/000004

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
DE 3324383	A 12-01-1984	IT DE DK	1156050 B 3324383 A1 274183 A	28-01-1987 12-01-1984 10-01-1984
FR 1468174	A 03-02-1967		NONE	
US 6290263	B1 18-09-2001		NONE	
GB 902447	A 01-08-1962		NONE	

Form PCT/ISA/210 (patent family members) (January 2001)